CANADA-MANITOBA
Crop Insurance

Annual Report
1990 - 91*

Manitoba
Crop Insurance
Corporation

*For the year ending March, 1991

Agriculture
Canada

Includes 10% post-consumer waste

Manitoba
Agriculture

Minister of
Agriculture

Room 165
Legislative Building
Winnipeg, Manitoba, CANADA
R3C 0V8

The Honourable George Johnson
Lieutenant-Governor of Manitoba
Room 235 Legislative Building
Winnipeg, Manitoba
R3C 0V8

May It Please Your Honour:

I have the privilege of presenting for the information of Your Honour, the Annual Report of Manitoba Crop Insurance Corporation for the fiscal year ending March 31, 1991.

Respectfully submitted,

Glen Findlay

Glen M. Findlay
Minister

CANADA-MANITOBA Crop Insurance

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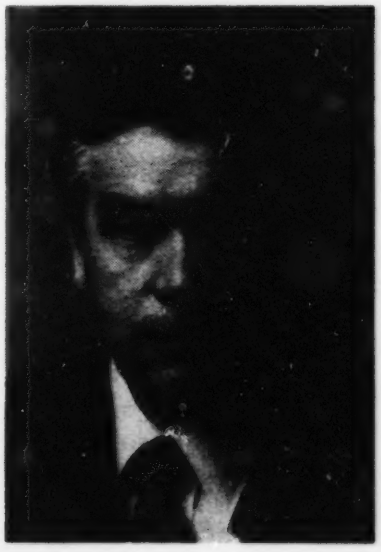
The Honourable Glen M. Findlay
Minister of Agriculture
Room 165 Legislative Building
Winnipeg, Manitoba
R3C 0V8

Dear Sir:

Presented herewith is the Thirty-first Annual Report of Manitoba Crop Insurance Corporation for the fiscal year ended March 31, 1991.

Respectfully submitted,

J. C. Gilson
Chairperson
Board of Directors



Agriculture Canada

Manitoba Agriculture
Crop Insurance Corporation

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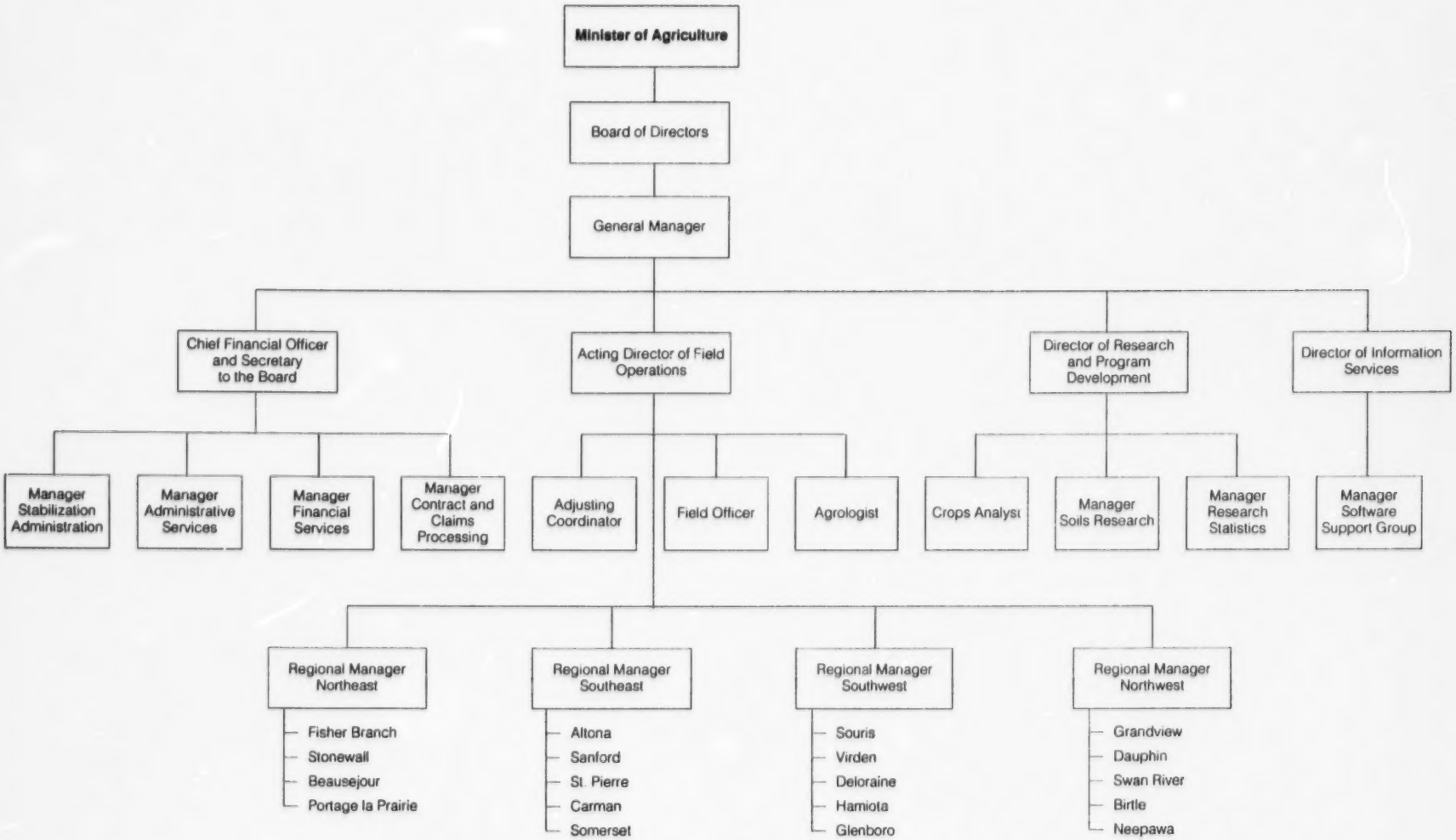
Organization Chart — Manitoba Crop Insurance Corporation



Board of Directors

J. C. Gilson, Chairperson

N. B. Edie, Vice-Chairperson

C. T. Johnson

H. E. Tolton

S. M. Van de Velde

Officers

H. R. Nelson, B.S.A., M.Sc., General Manager

M. J. Gagne, C.M.A., Chief Financial Officer and Secretary to the Board

N. A. Hamilton, B.S.A., M.Sc., Ph.D., Director of Research and Program Development

J. F. Findlay, P.Ag., A/Director of Field Operations

H. Sulkers, Director of Information Services

J. B. Hughes, LL.B., Q.C.,Legal Counsel

Objectives

1. To provide an opportunity to Manitoba producers to protect their cash investment in their seeded crops from all uncontrollable natural hazards, thereby stabilizing the income of insured farmers in years when they suffer a crop loss and stabilizing the income of the entire rural economy in years when widescale crop loss occurs.
2. To provide an opportunity to Manitoba livestock producers to protect their investment in their livestock operation in those years when hay crops are poor due to uncontrollable natural hazards.
3. To provide an opportunity to Manitoba honey producers to protect their investment in their honey operation in those years when honey production is reduced due to uncontrollable natural hazards.
4. To provide additional hail insurance coverage on a spot loss basis as a service to farmers enrolled in the All Risk program.
5. To provide the administration for the Department of Agriculture for the National Tripartite Stabilization Programs (NTSP). The NTSP are designed to reduce income lost by producers as a result of market risks. Commodities currently covered are: cattle, lambs, hogs, sugar beets, honey, beans and onions.
6. To provide a loss adjusting service to the Department of Natural Resources which administers a compensation program for farmers who suffer crop losses due to certain species of wildlife and to administer a compensation program, on behalf of the Canada and Manitoba Governments, to farmers who suffer crop losses due to migratory waterfowl.

Board Meetings

Eighteen meetings of the Board of Directors were held.

Financial Contributions by Governments of Canada and Manitoba

Under a new Canada/Manitoba Crop Insurance Agreement in 1990, the Governments of Canada and Manitoba provide financial assistance to the Canada-Manitoba Crop Insurance Program by each contributing 25 per cent of the total premium required and 50 per cent of the administrative costs.

For the 1990/91 fiscal year, the Federal Government's contribution totalled $23,246,304 and the Government of Manitoba's contribution totalled $22,671,284.

1990 Crop Conditions:

In the spring of 1990 there was extensive winterkill of perennial crops. This winterkill damage was caused bv an early December cold snap with little snow cover.

Although soil moisture conditions were poor in the fall of 1989, winter precipitation to the end of March was close to 100% of normal. Soil moisture conditions were adequate for crop establishment throughout most of the province except for the southwest, northwest, Interlake and the extreme southeast portions of the province. Timely rains in April improved the crop establishment outlook dramatically for most of the province.

Seeding was not general in Manitoba until mid May. This relatively late start was caused by excess moisture in some areas of the province, particularly the Interlake and eastern regions. The majority of seeding was completed by the end of May. Compared to 1989, the area sown to oats, barley and canola was down. Vegetable crops were also sown later than usual due to cool moist conditions during May.

Producers started spraying for weeds and insects in the beginning of June. In the southern and eastern portions of the province spraying had to be delayed because of heavy rains. Some crops, particularly oilseeds in the central region, had to be reseeded in late June because of drowning out. Soil crusting was also a problem in some areas. In late June there was considerable hail damage in the central and southwest regions of the province.

Haying, delayed by rains in June, was underway by early July with the first cut generally complete by the end of July. The last half of July was relatively hot and dry and towards the end of the month sunflowers had started to bloom, 50% of the cereals were in the dough stage, 50% of the canola was podding, 25% of the flax was in the boll stage with swathing of fall rye underway.

Hot, dry conditions continued into the first half of August. These conditions accelerated annual crop maturation and resulted in below normal hay and pasture conditions. By mid August swathing and combining were underway but rains and cooler conditions in late August slowed down harvesting. Late August hail storms created some problems in the Swan River area. By the end of August pastures were in fair to poor condition and swathing of cereals, canola and flax were approximately 75, 50 and 25 percent complete, respectively.

By the beginning of September fall field work had commenced in some areas and fall rye and winter wheat were being sown. Pastures and hay fields were very dry. In mid September frost was reported in most regions and by the end of September over 80% of the cereals, canola, flax and buckwheat had been harvested, as well as roughly 50% of special crops such as field beans. By mid October there were still some potatoes, corn, sunflowers and flax to be harvested.

Cool weather and generally adequate moisture conditions in June favored the spread of leaf and stem rusts in cereals. The leaf rust outbreak in 1990 was the worst of the past 4 years. A new race of barley stem rust was particularly severe in late sown crops. Loose smut was also common in barley fields. Tan spot and septoria continued to be a problem in cereals, particularly in the central and eastern regions of the province. Canola suffered from a virulent strain of Blackleg throughout the province with the highest incidence in the western districts. Virus diseases of cereals including Barley Yellow Dwarf, Wheat Streak Mosaic and Flame Chlorosis continued to be a problem.

Grasshoppers were the dominant insect problem in Manitoba in 1990. Other notable insect damage included flea beatles, aphids and diamond back moths on canola, thrips on barley, aphids on cereals and peas, and mites on winter wheat.

Herbicide performance was generally good in 1990 and no specific weed problems were noted. Herbicide resistant weeds continued to be found including wild oat populations in the northwest that were resistant to graminicides.

Generally, 1990 crop yields were excellent. Provincial yields for spring wheat, barley, canola/rapeseed and flax averaged 43, 64, 25 and 23 bu/acre respectively. Despite an excellent first cut of hay the second cut was poor to non-existent. The net effect being that tame and native hay yields were 99 and 118 percent of normal respectively. The hay crop plus a surplus of straw resulted in adequate feed supplies going into winter.

Although Manitoba received near normal rainfall during the growing season most of that rain occurred in June with a drier than normal July and August. There was very little rain in the fall and as a result fields went into winter in very dry condition. The low soil moisture reserve going into winter was more extensive and severe than in 1989.

1990 Causes of Loss

Summary

The total indemnity paid out for post-harvest claims in 1990 was approximately 11% of what was paid out in 1989. In 1990 the major cause of loss was drought which accounted for 42% of the total losses for the year. Other substantial causes of loss included excess moisture, hail and heat which accounted for 19%, 10% and 10% of the total loss, respectively.

The heaviest losses occurred in the Winter Wheat and Forage Seed Establishment programs where 32% and 30%, respectively, of the Corporation's liability was paid out. The Corporation also paid out a significant proportion of the liability carried on the following crops: Vegetables (15%), Forage Hay Establishment (12%), Buckwheat (11%), Pedigreed Timothy Seed (10%), Cultivated Forage (10%), Fall Rye (10%), Pedigreed Alfalfa Seed (9%), Potatoes (8%), Field Beans (8%), Mixed Grain (8%), Mustard (7%) and Canola/Rapeseed (7%). The programs with the smallest relative payouts were small acreage programs of Fababeans, Triticale and Soybeans, where no payments were made. Larger acreage programs such as Grain Corn (0.6%), Durum Wheat (0.7%) and Red Spring Wheat (0.8%) also recorded low payout levels.

The two accompanying tables summarize the causes of loss and percent of liability paid out by crop for 1990.

1990 Causes of Loss
All Crops – All Province

Cause	Dollar Loss*	Percent of Total Loss
Drought	$ 5,231,016.49	41.8
Excess Moisture	2,391,781.87	19.1
Hail	1,304,136.29	10.4
Heat	1,269,617.27	10.2
Grasshoppers	479,610.10	6.0
Disease	469,837.19	3.9
Wind	206,675.25	1.7
Winter Kill	163,912.96	1.3
Miscellaneous	719,904.95	5.6
All Causes	12,506,482.37	

** Based on post-harvest claims only. Does not include losses due to reseeding, hail spot loss or unseeded acreage.*

1990 Causes of Loss by Crop and Liability Paid

Crop	Per Cent of Total Liability Paid	Major Causes of Loss by Crop and Indemnity as a Per Cent of Total Crop Indemnity‡					
RS Wheat	0.8	Drought	35.0%	Excess Moisture	22.3%	Hail	14.7%
Oats	4.7	Drought	34.8%	Grasshoppers	20.6%	Excess Moisture	15.5%
Barley	2.0	Drought	31.6%	Excess Moisture	25.9%	Hail	14.7%
Flax	2.7	Excess Moisture	34.2%	Drought	24.8%	Grasshoppers	17.3%
Sugar Beets	1.2	Hail	43.4%	Excess Moisture	38.8%	Drought	16.0%
Fall Rye	10.1	Drought	40.1%	Winter Kill	20.4%	Grasshoppers	15.2%
Canola/Rapeseed	7.0	Drought	28.2%	Excess Moisture	17.7%	Heat	16.0%
Mustard	7.2	Drought	48.5%	Grasshoppers	12.8%	Hail	9.0%
Sunflowers	3.2	Drought	85.1%	Excess Moisture	5.9%	Cutworms	3.9%
Buckwheat	11.1	Drought	35.8%	Heat	18.9%	Excess Moisture	18.5%
Field Peas	5.8	Excess Moisture	58.6%	Hail	12.5%	Heat	11.7%
Grain Corn	0.6	Drought	65.6%	Excess Moisture	13.6%	Hail	10.7%
Durum Wheat	0.7	Drought	49.8%	Grasshoppers	20.6%	Disease	7.6%
Silage Corn	3.8	Drought	56.4%	Heat	24.1%	Excess Moisture	10.9%
Mixed Grain	7.5	Grasshoppers	32.6%	Excess Moisture	30.5%	Drought	24.5%
Potatoes	8.2	Drought	94.4%	Heat	3.9%	Excess Moisture	1.7%
Cult. Forage	10.1	Drought	74.4%	Winter Kill	10.1%	Grasshoppers	5.6%
For. Hay Estab.	11.7	Drought	98.1%	Excess Moisture	1.9%	Heat	0.7%
Utility Wheat	1.2	Excess Moisture	61.8%	Drought	27.0%	Heat	6.7%
CPS Wheat	1.3	Drought	62.4%	Heat	12.2%	Hail	9.8%
Lentils	3.9	Excess Moisture	55.0%	Wind	12.9%	Heat	12.1%
Fababeans	0.0						
Canaryseed	1.1	Drought	35.6%	Frost	22.8%	Grasshoppers	21.6%
Field Beans	8.1	Drought	43.1%	Excess Moisture	28.0%	Hail	21.1%
Triticale	0.0						
Ped. Timothy	10.2	Wind	19.7%	Frost	17.3%	Drought	14.1%
Soybeans	0.0						
Winter Wheat	32.4	Drought	44.4%	Winter Kill	27.9%	Rust	10.4%
Ped. Alfalfa	9.0	Drought	60.4%	Wind	32.3%	Winter Kill	2.5%
For. Seed Estab.	30.3	Heat	62.4%	Drought	29.8%	Winter Kill	27.9%
Vegetables	15.0	Drought	100.0%				

‡*Based on post-harvest claims only. Does not include losses due to reseeding, hail spot loss or unseeded acreage.*

Crop Insurance Features

Canada-Manitoba Crop Insurance is comprised of four separate programs: All-Risk Crop Insurance, Honey Insurance, Livestock Feed Security and Additional Hail Insurance.

All Risk Crop Insurance Program

Crops Insured:

Crops insured include: red spring wheat, durum wheat, prairie spring wheat, utility wheat, winter wheat, oats, barley, mixed grain, fall rye, flax, canola/rapeseed, sunflowers, mustard, field peas, grain corn, sugar beets, potatoes, fababeans, lentils, canaryseed, field beans, buckwheat, triticale, silage corn, soybeans, pedigreed alfalfa seed, pedigreed timothy seed, cultivated forage for hay production and vegetable crops including onions, carrots, parsnips and rutabagas.

Designated Perils:

Drought, excessive moisture, excessive rainfall, flood, frost, hail, excessive heat, wind (including tornado), disease (including rust), and pests.

Options:

(a) **Hail Spot Loss** – enables All Risk coverage to be paid out on a spot loss basis regardless of the yield on the rest of that field or other fields of the same crop. Coverage must be selected on or before April 30, and applies to all insurable crops selected by the insured for All Risk coverage. Hail Spot Loss coverage per acre is equal to the insured producer's All Risk coverage. Premium is shared between the insured (50%) and the Governments of Canada (25%) and Manitoba (25%).

(b) **Unseeded Acreage Insurance** – covers losses incurred from the inability to seed land due to excess moisture.

(c) **Seedling Establishment Option** – forage crops which are seeded for fodder production and are insured under the cultivated forage program can be protected against failure to establish due to natural hazards in the seedling year. A separate seedling establishment option applies to alfalfa and timothy seed crops for pedigreed seed production.

Productivity Index:

Basic coverage per acre is determined by soil type and area. Since yield variability generally increases as soil productivity declines, the same basic premium (in dollars per acre) is charged on all of the soil types in an area. The result is that the premium rate expressed as a percentage of coverage is inversely related to soil productivity.

Risk Areas:

Manitoba is divided into fifteen areas of similar crop production risk based on factors such as climate, topography and history of crop production. For crops where adequate information exists, premium rates and coverages are established by risk area. Where insufficient data exists for risk area calculations, premium rates and coverages are determined on an all province basis.

Coverage Levels:

For most crops coverage is provided at 70 percent or 80 percent of the long-term average yield for the area adjusted by the individual producer's loss experience. Coverage for potatoes, sugarbeets, pedigreed alfalfa seed and vegetables is based on a producer's individual yield history.

Individual Coverage Adjustment:

An individual's coverage by soil type is adjusted from the area average based on that individual's crop insurance experience. Producers who are new to the program are assigned basic coverage for the soil zone (risk area and soil type) in which they operate. If a producer has infrequent or minor losses relative to the average for the risk area, coverage is increased. Alternately, high or frequent losses relative to the risk area average results in the producer's coverage declining below the basic level.

Premium Discounts and Surcharges:

Premium discounts and surcharges are handled in a similar manner to coverage adjustment. Favorable experience, as indicated by no losses or infrequent or small losses, results in premium discounts as high as 25 percent. Unfavorable experience, as indicated by consistent and high losses, results in premium surcharges as high as 25 percent. Insured producers that earned high discounts (up to 50 percent) under the previous discount system retain that level of discount until they have a claim or cancel their existing contract.

Stages of Coverage:

With the exception of potatoes, sugar beets and vegetables, coverage applies in two stages. Crops destroyed or damaged prior to June 25 in southern regions (Canola/Rapeseed and Buckwheat Areas A) and prior to June 20 in northern and eastern regions (Canola/Rapeseed and Buckwheat Areas B) are covered at 50 percent of full coverage. After June 25, in southern regions and June 20 in northern and eastern regions, crops qualify for full coverage. Coverage on vegetables and potatoes increases in three stages while sugar beet coverage increases in four stages. Coverage increases at each stage to reflect increased operating costs.

Reseeding Benefit:

The reseeding benefit compensates insured producers for having to reseed due to an insurable hazard. With the exception of sugar beets and vegetable crops, producers can receive 25 percent of full coverage on the original crop, provided the land requiring reseeding is a minimum of 20 acres. The original crop must be destroyed and the reseeded crop must be insured under crop insurance. The reseeding benefit on sugar beets is equal to 15 percent of full coverage. The reseeding benefit for vegetable crops varies depending on the crop that is reseeded.

Indemnities:

Claims are adjusted on a crop specific basis. Insured producers receive indemnity payments based on the difference between their coverage and the amount of harvested production. Production is discounted if the quality of the harvested crop is below the guaranteed grade.

If the entire crop is lost prior to harvesting, the claim can be finalized immediately. If only part of the crop is damaged and the producer wishes to put the land to an alternate use, such acres will be appraised to determine production. Once the remaining crop has been harvested, the appraised production on the destroyed acres is combined with harvested production to determine if an indemnity is warranted.

Landlord Insurance:

Crop insurance is available to landlords who rent out land on a crop share basis. The tenant must be insured for the landlord to qualify for insurance. The landlord is bound by the actions of the tenant.

Dollar Values:

Insured producers select an optimal dollar value for each of the major crops insured. Insurance is provided at the lessor of the optimal dollar value selected by the insured or the maximum insurable dollar value offered by the Corporation. This allows producers to tailor coverage more closely to their individual requirements while at the same time limiting the amount of premium they are required to pay.

Enhanced Coverage:

This feature was introduced in 1987 to compensate producers for successive losses. When losses in a risk area are two or more times greater than the total premium income for the risk area, 80 percent coverage is provided at the 70 percent coverage premium rate in the following year. This benefit is available only to those producers who were insured during the year the loss was incurred.

Quality Guarantee:

If the grade of a harvested crop is below the guaranteed grade, harvested yield is reduced in proportion to the difference in market value between the harvested grade and the guaranteed grade.

Insurable Crops

	Final Seeding Date	Guaranteed Grade	Coverage Available	Dollar Values ($/t) Selectable Range Minimum	Selectable Range Maximum	Maximum Insurable
Barley	June 20	#1 C.W.	70% or 80%	$ 60	$ 180	$ 85
Buckwheat	June 20 Area "B" June 25 Area "A"	#3 Canada	70% or 80%	250	750	325
Canaryseed	June 10	Less than 4% hulled	70% or 80%	200	600	260
Corn – Grain	May 25 Area "B" June 1 Area "A"	#3 C.W.	70% or 80%	90	270	125
– Silage	June 10	35% Dry Matter	70% or 80%	15	45	18
Fababeans	May 25	#3 Canada	70% or 80%	120	360	175
Fall Rye	Sept. 25/89	#1 C.W.	70%	60	180	85
Field Peas	June 10	#3 Canada	70% or 80%	120	360	175
Field Beans		#1 Canada	70% or 80%	300	900	475
White	June 1 Area "B" June 5 Area "A"					
Black & Pinto	June 5 Area "A"	#2 Canada				
Flax	June 20	#1 C.W.	70% or 80%	200	600	280
Lentils	June 1	#2 Canada	70% or 80%	250	750	400
Mixed Grain	June 20	55 kg/hl	70% or 80%	60	180	80
Mustard	June 20	#1 Canada	70% or 80%	250	750	300
Oats	June 20	#3 C.W.	70% or 80%	60	180	80
Canola/Rapeseed		#1 Canada	70% or 80%	180	540	260
Argentine	June 10 Area "B" June 15 Area "A"					
Polish	June 20 Area "B" June 25 Area "A"					
Soybeans	June 1	#2 Canada	70% or 80%	180	540	215
Sugar Beets	June 15	125 kg/t	80%	30	60	35
Sunflowers	June 10	#1 Canada	70% or 80%	160	480	200
Triticale	June 10	#2 Canada	70% or 80%	90	270	130
Wheat						
Red Spring	June 20	#2 C.W.R.S.	70% or 80%	90	270	145
Amber Durum	June 20	#3 C.W.A.D.	70% or 80%	90	270	145
Prairie Spring	June 20	#1 C.P.S.	70% or 80%	75	225	125
Utility	June 20	#1 C.W.U.	70% or 80%	75	225	125
Winter	Sept. 15/89	#2 C.W.R.W.	70%	90	270	125
Potatoes		Marketable Prod.	80%	80	160	100
late maturing	June 5					
early maturing	June 15					
Cooking Onions	June 1	Marketable Prod.	70%	100	200	140
Parsnips	June 5	Marketable Prod.	70%	160	320	200
Rutabagas	June 25	Marketable Prod.	70%	85	170	115
Carrots (Table)	June 15	Marketable Prod.	70%	80	160	100
(Processing)	June 15	Marketable Prod.	70%	80	160	100
Ped. Alfalfa Seed	N/A	% Germ 70 or more	70%	1200	3600	1500
Ped. Timothy Seed	N/A	% Germ 70 or more	70%	500	1500	750
Alfalfa for Hay	N/A	N/A	70%	30	90	67
Alfalfa Grass Mixture for Hay	N/A	N/A	70%	30	90	60
Grass for Hay	N/A	N/A	70%	30	90	50
Sweet Clover for Hay	N/A	N/A	70%	30	90	60

Insurable Options

	Dollar Option		
	Min.	Max.	Final
Hail Spot Loss	N/A	N/A	N/A
Unseeded Acreage		($/acre)	
Soil Zones A-H	$20	$25	N/A
Soil Zones I-J	15	20	N/A

	With Companion Crop				Without Companion Crop		
	Min.	Max.	Final		Min.	Max.	Final
Seedling Establishment for Hay:				($/acre)			
Alfalfa	15	45	20		25	75	40
Alfalfa Grass Mixture	15	45	15		25	75	30
Grasses (Fall Seeded)	10	30	15		20	60	30
Grasses(Spring Seeded)	10	30	15		20	60	30
Sweet Clover	5	15	7.50		10	30	15
Seedling Establishment for Seed:				($/acre)			
Timothy (Fall Seeded)	10	30	20		20	60	40
Timothy (Spring Seeded)	10	30	20		20	60	40
Alfalfa	15	45	20		25	75	40

1990 Honey Program

	Coverage Available	Dollar Option		
		Min.	Max.	Final
Honey Production	70%	$.25/lb	$.75/lb	$.50/lb

1990 Livestock Feed Security Program

	Coverage Available	Dollar Coverage Per Animal		
		Min.	Max.	Final
Dairy Cows	70% or 80%	$ 60	$220	N/A
Beef Cows (includes bison)	70% or 80%	60	220	N/A
Bulls (includes bison)	70% or 80%	60	220	N/A
Steers and Heifers (includes bison)	70% or 80%	60	120	N/A
PMU Horses	70% or 80%	60	220	N/A
Sheep	70% or 80%	20	60	N/A
Goats	70% or 80%	20	60	N/A

Honey Insurance Program

Honey insurance is offered under a separate contract and compensates beekeepers for production loss due to uncontrollable natural hazards. Beekeepers registered under the Bee Act who maintain a minimum of fifty colonies are eligible for insurance.

Individual coverage is offered based on 70 percent of the individual's 10 year average yield. A beekeeper who is new to the program starts at 70 percent of the provincial 10 year average yield.

Livestock Feed Security Program

The Livestock Feed Security Program is available to all of agro-Manitoba. Coverage is determined by soil zone and is available at 70 percent or 80 percent of the long-term average yield.

An all province premium rate of 18 percent is charged for 70 percent coverage, with 24 percent charged for 80 percent coverage. Producers pay 50 percent of the total premium, the federal and provincial governments pay 25 percent each. Administrative costs are shared by the two levels of government.

Ten year average base yields are calculated for each soil zone for alfalfa, alfalfa-grass mixtures and grasses. Native hay comparisons are based on individual farms. Hay yields are adjusted for quality based on the Relative Feed Value (RFV) of the sample.

Producers are able to select their percent reliance and tame and native hay. Producers are also able to select the soil zones from which their overwintering hay supplies originate.

There were 5,144 livestock producers insured in 1990 with a total premium of $9,675,917. Total dollar coverage was $41,737,320 with payouts of $2,517,540. 1990 was an average year for forage production over most of Manitoba with 53 of 193 soils zones in a payout position.

Canada-Manitoba Waterfowl Crop Damage Compensation Program

The Canada-Manitoba Waterfowl Crop Damage Compensation Program is a program to reduce income losses to Manitoba farmers caused by migratory waterfowl damaging crops. Compensation is provided on most crops eligible for coverage under the All Risk Crop Insurance Program.

The Government of Canada and the Government of Manitoba provide equal financial support to the operation of the Canada-Manitoba Waterfowl Crop Damage Compensation Program.

Additional Hail Insurance

Additional hail insurance is available to All Risk Contract holders on any insurable crop. Premium rates are based on crop insurance risk areas rather than townships, and as such provide a more stable rate for the entire area. Coverage can be selected at any time during the growing season and is available in various dollar amounts. Insured farmers pay the full premiums and administration costs of the program. In addition to covering hail losses, the Additional Hail Program also covers losses due to legally kindled fires.

Office of
the Provincial Auditor

905 – 386 Broadway
Winnipeg, Manitoba, CANADA
R3C 3R6

Auditor's Report

To The Legislative Assembly of Manitoba

We have audited the balance sheet of the Manitoba Crop Insurance Corporation as at March 31, 1991, the statements of revenue, expenditures and reserve for the payment of indemnities for the General Crop Insurance and Hail Insurance programs, and statements 1-5, being the programs administered by the Corporation on behalf of the Government of the Province of Manitoba. These financial statements are the responsibility of the Corporation's management. Our responsibility is to express an opinion on these financial statements based on our audit.

We conducted our audit in accordance with generally accepted auditing standards. Those standards require that we plan and perform an audit to obtain reasonable assurance whether the financial statements are free of material misstatement. An audit includes examining, on a test basis, evidence supporting the amounts and disclosures in the financial statements. An audit also includes assessing the accounting principles used and significant estimates made by management, as well as evaluating the overall financial statement presentation.

In accordance with its accounting policy, as reflected in Note 2(D), the Corporation's unfunded pension liability at December 31, 1990 in the amount of $2,446,617, and the related pension costs have not been reflected in these financial statements. In our opinion, however, this accounting policy is not appropriate, because the obligations of the Corporation are not fully disclosed. If the unfunded pension liability and the associated pension costs had been recorded, the Corporation's liabilities would have been increased and its funds available for future operations would have been decreased by $2,446,617. Also, the Corporation's pension costs for the year ended March 31, 1991 would have been increased by $317,600.

In our opinion, except for the failure to record the unfunded pension liability referred to in the preceding paragraph, these financial statements present fairly, in all material respects, the financial position of the Corporation as at March 31, 1991 and the results of its operations for the year then ended in accordance with the accounting policies stated in note 2 to the financial statements.

Winnipeg, Manitoba
December 6, 1991

F. H. Jackson, C.A.
Provincial Auditor

CANADA-MANITOBA Crop Insurance

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Management's Report

The Management of Manitoba Crop Insurance Corporation is responsible for the integrity, objectivity and reliability of the financial statements, accompanying notes and other financial information in the annual report which it has prepared.

Management maintains internal control systems to ensure that transactions are accurately recorded in accordance with established policies and procedures. In addition certain best estimates and judgments have been made based on a careful assessment of the available data.

The financial statements and accompanying notes are examined by the Provincial Auditor of the Province of Manitoba, whose opinion is included herein. The Provincial Auditor has access to the Board of Directors, with or without management present to discuss the results of their audit and the quality of financial reporting of the Corporation.

Henry Nelson
General Manager

M. J. Gagne
Chief Financial Officer

Agriculture Canada

Manitoba Agriculture Crop Insurance Corporation

Exhibit A

Manitoba Crop Insurance Corporation

Balance Sheet

as at March 31, 1991

Assets	1991	1990
Cash on deposit with the Minister of Finance and in bank	$11,533,498	$6,601,423
Term deposits with the Minister of Finance (Note 3)	3,500,000	3,000,000
Accrued interest on term deposits	101,152	73,523
Accrued matching contributions (Note 7):		
Government of the Province of Manitoba	1,111,025	—
Government of Canada	1,111,025	—
Premiums receivable, net of allowance for doubtful accounts of $839,431 (1990 – $429,734):		
Due from insured persons	2,341,701	848,593
Accrued interest	284,899	57,909
Amount receivable from Reinsurance Fund of Manitoba	—	39,637,059
Amount receivable from Reinsurance Fund of Canada for Manitoba	63,437,892	63,437,892
Accounts receivable – Government of Canada Crop Loss Compensation Program	100,091	—
Accounts receivable – other	30,181	15,435
Prepaid expenses	44,504	29,098
	$83,595,968	$113,700,932

Liabilities and Reserves	1991	1990
Reinsurance premiums payable (Note 4):		
Reinsurance Fund of Canada for Manitoba	$ 1,169,397	$ 4,600,586
Reinsurance Fund of Manitoba	1,169,397	4,600,586
Advance from the Government of the Province of Manitoba (Note 5)	41,962,134	100,000,000
Indemnities payable	613,810	827,461
Other account and program payables	1,034,904	482,738
Premiums collected in advance	399,664	437,776
	46,349,306	110,949,147
Reserves for the Payment of Indemnities:		
General Crop Insurance Program, Exhibit B	33,137,704	—
Hail Insurance Program, Exhibit C	4,108,958	2,751,785
	$83,595,968	$113,700,932

APPROVED BY THE BOARD

E. Eulson
Director

Director

Exhibit B

Manitoba Crop Insurance Corporation

General Crop Insurance Program

Statement of Revenue, Expenditure and Reserve for the Payment of Indemnities

for the year ended March 31, 1991

	1991	1990
Revenue:		
Premiums:		
Insured persons	$ 41,804,820	$ 39,523,944
Matching contributions (Note 2(B)):		
Government of Canada	21,461,283	39,307,940
Government of the Province of Manitoba	20,886,264	—
	84,152,367	78,831,884
Filing fee	8,675	4,625
Administrative expenses recovered (Note 2(C)):		
Government of Canada	2,896,045	—
Government of the Province of Manitoba	2,896,045	6,314,125
Interest on cash balances and outstanding premiums	602,029	167,120
Total revenue	90,555,161	85,317,754
Expenditure:		
Administrative expenses, Schedule 1 (Note 2(C))	5,792,090	6,314,125
Reinsurance premiums (Note 4):		
Reinsurance Fund of Canada for Manitoba	12,037,649	11,792,382
Reinsurance Fund of Manitoba	12,037,649	11,792,382
Discounts	31,416	45,473
Indemnities	27,125,793	158,169,663
Bad Debts	392,860	(158,539)
Total expenditure	57,417,457	187,955,486
Revenue over (under) expenditure	33,137,704	(102,637,732)
Reserve for the payment of indemnities:		
Beginning of year	—	—
Recoverable from Reinsurance Fund of Manitoba, (Note 4)	—	39,199,840
Recoverable from Reinsurance Fund of Canada for Manitoba, (Note 4)	—	63,437,892
End of year, Exhibit A	$ 33,137,704	$ —

Exhibit C

Manitoba Crop Insurance Corporation

Hail Insurance Program

Statement of Revenue, Expenditure and Reserve for the Payment of Indemnities

for the year ended March 31, 1991

	1991	1990
Revenue:		
Premiums charged to insured persons at established rates	$ 5,395,025	$ 5,574,844
Interest of funds invested with the Minister of Finance and outstanding premiums	585,888	753,747
Total revenue	5,980,913	6,328,591
Expenditure:		
Administrative expenses, Schedule 2 (Note 2(C))	1,050,544	1,043,578
Indemnities	3,488,021	9,688,692
Bad Debts	85,174	(42,049)
Total expenditure	4,623,739	10,690,221
Revenue over (under) expenditure	1,357,174	(4,361,630)
Reserve for the payment of indemnities:		
Beginning of year	2,751,785	7,113,415
End of year, Exhibit A	$ 4,108,959	$ 2,751,785

Schedule 1

Manitoba Crop Insurance Corporation

General Crop Insurance Program

Statement of Administrative Expenses

for the year ended March 31, 1991

	1991	1990
Adjusters' wages and expenses	$ 2,128,142	$ 2,758,568
Administration and field in-service training	9,291	20,984
Advertising	36,246	74,816
Appeal tribunal	23,154	7,368
Audit fee	20,876	20,941
Computer equipment, rental and usage	72,244	76,647
Directors' remuneration and expenses	18,532	29,877
District offices' rentals and miscellaneous	268,848	68,713
Employee benefits	194,873	193,330
Employer share of pensions (Note 2(D))	76,758	73,816
Federal-provincial crop insurance review	—	11,012
Furniture and equipment purchases (Note 2(E))	33,143	27,236
Health and Post Secondary Education Tax Levy	80,060	88,415
Legal fees	30,775	23,123
Miscellaneous	63,715	47,853
Office equipment rentals	12,613	12,832
Postage	107,858	115,404
Printing, stationery and office supplies	149,802	162,281
Salaries	2,182,440	2,224,547
Special studies	1,143	10,915
Telephone	95,500	78,877
Travel	141,919	139,377
Workers' compensation	44,158	47,193
Total administrative expenses, Exhibit B	$ 5,792,090	$ 6,314,125

Schedule 2

Manitoba Crop Insurance Corporation

Hail Insurance Program

Statement of Administrative Expenses

for the year ended March 31, 1991

	1991	1990
Adjusters' wages and expenses	$ 151,072	$ 180,219
Administration and field in-service training	2,323	5,246
Advertising	18,573	19,433
Appeal tribunal	3,179	1,842
Audit fee	5,219	5,235
Computer equipment, rental and usage	18,061	18,412
Directors' remuneration and expenses	4,633	7,469
District offices' rentals and miscellaneous	65,473	16,379
Employee benefits	48,718	48,333
Employer share of pensions (Note 2(D))	19,189	18,454
Furniture and equipment purchases (Note 2(E))	3,284	2,160
Health and Post Secondary Education Tax Levy	20,015	22,104
Legal fees	6,634	5,781
Miscellaneous	9,784	11,269
Office equipment rentals	3,153	3,208
Postage	26,967	27,804
Printing, stationery and office supplies	28,262	28,981
Salaries	545,610	554,887
Telephone	23,875	19,719
Travel	35,480	34,844
Workers' compensation	11,040	11,799
Total administrative expenses, Exhibit C	$ 1,050,544	$ 1,043,578

Manitoba Crop Insurance Corporation

Notes to Financial Statements

March 31, 1991

1. **Authority**

   The Manitoba Crop Insurance Corporation is incorporated under a specific Statute of the Province of Manitoba.

2. **Significant Accounting Policies**

   (A) **Programs**

   The Corporation's financial statements have been prepared using the accrual basis of accounting.

   The Corporation operates general crop and hail insurance programs for Manitoba farmers and accounts for these programs separately.

   The Corporation is also responsible for the administration of various agricultural-related programs on behalf of the Governments of the Province of Manitoba and Canada.

   (B) **Premiums, and Matching Government Contributions**

   The Corporation recognizes as revenue all premiums earned on crop policies in force during the year. The insurance premium rates are adjusted annually to maintain a breakeven position, based on crop loss experience.

   An agreement between the Governments of the Province of Manitoba and Canada provides for the matching of insurance premiums collected from insured persons under the General Crop Insurance Program. The matching contributions from the Governments of the Province of Manitoba, and Canada are shown as revenue.

   (C) **Administrative Expenses**

   The agreement between the Governments of the Province of Manitoba and Canada, referred to in section (B) of this note, also stipulates that all administrative expenses relating to the General Crop Insurance Program will be shared equally by the Governments of the Province of Manitoba and Canada. In addition, under a special agreement, the start-up costs for the administration of the Revenue Protection component of the Gross Revenue Insurance Plan will also be shared equally by the Governments of the Province of Manitoba and Canada. Administrative expenses relating to the Hail Insurance Program are recovered from the insured farmers. The administrative expenses applicable to the other Programs have been allocated on a basis approved by the Board of Directors. The unfunded pension provision shown in Note 2(D), has not been included in the Administrative Expenses of the Corporation, and accordingly has not been allocated to any of its Programs.

   (D) **Pensions**

   In accordance with the provisions of The Manitoba Civil Service Superannuation Act, the Corporation contributes 50% of the pension disbursements made to retired employees. Such payments are charged to operations as incurred and provision is not made in the accounts to fund current or past service obligations to the Superannuation Fund. On the basis of an actuarial report, the unfunded provision for the Corporation's employees amounted to the following:

	Unfunded Pension Provision	
	December 31, 1990	December 31, 1989
General crop insurance	$ 1,957,294	$ 1,860,430
Hail insurance	489,323	465,107
Total	$ 2,446,617	$ 2,325,537

   (E) **Fixed Assets**

   Furniture and equipment purchases are charged to operations in the year of acquisition.

Notes to Financial Statements

March 31, 1991

3. **Term Deposits**

The Minister of Finance has invested $3,500,000 (1990 - $3,000,000), on behalf of the Corporation, on account of The Hail Insurance Program.

4. **Reinsurance Funds – General Crop Insurance**

In accordance with the terms of a reinsurance agreement between the Governments of the Province of Manitoba and Canada and the Corporation, the Province of Manitoba, and Canada, maintain separate reinsurance accounts. The Corporation is liable for reinsurance premiums to the Crop Reinsurance Fund of Manitoba and the Crop Reinsurance Fund of Canada for Manitoba, based on premiums collected plus the matching portion paid by the Governments of Canada and Manitoba. When indemnities are in excess of the Corporation's reserve and certain other conditions are met, transfers are made from the Crop Reinsurance Funds to the Corporation. Interest is neither credited nor charged to the Funds by Manitoba or Canada.

The Crop Reinsurance Fund accounts maintained by the Province of Manitoba are as follows:

Banking Facility Account balance, March 31, 1991	$10,868,252
Add:	
Reinsurance premiums payable to the Banking Facility Account	1,169,397
Adjusted Balance, March 31, 1991	12,037,649
Balance of Outstanding Advances from the Province of Manitoba, March 31, 1991	45,106,077
Accumulated net deficit in the Crop Reinsurance Fund accounts of the Province of Manitoba, March 31, 1991	$33,068,428

The Crop Reinsurance Fund account maintained by the Government of Canada is as follows:

Crop Reinsurance Fund account balance, March 31, 1990	$77,135,224
Deduct premiums, Reinsurance Fund of Canada for Manitoba (Exhibit B)	12,037,649
Accumulated net deficit in the Crop Reinsurance Fund account of the Government of Canada, March 31, 1991	$65,097,575

Deficits in the Crop Reinsurance Fund accounts of the Province of Manitoba, and Canada, are repayable when there is a surplus in the Reserve for the Payment of Indemnities in excess of the total premiums for that year.

No provision has been made in the accounts of the Manitoba Crop Insurance Corporation to recognize the accumulated deficits in the Crop Reinsurance Fund accounts.

5. **Advance from the Government of the Province of Manitoba**

When necessary, there is a provision for the Corporation to receive interest free working capital advances. The advances received to date are on account of the General Insurance Program.

6. **Other Programs**

(A) Statement 1 The Corporation administers the Canada-Manitoba Waterfowl Crop Damage Compensation Program. This program is cost shared between Canada and Manitoba (50/50) and Canada's share of the expenditures is remitted directly to the Province of Manitoba.

(B) Statement 2 Effective September, 1989, the Corporation assumed responsibility for the administration of the National Tripartite Stabilization Program (N.T.S.P.) on behalf of the Government of the Province of Manitoba. The N.T.S.P. provides price stabilization to producers for seven commodities in Manitoba (cattle, hogs, lambs, honey, sugar beets, beans and onions). The price stabilization payments to the producers are made directly by the Government of the Province of Manitoba.

Premiums for this Program are shared equally between Canada, Manitoba, and the Producers. The Producer premiums are collected by the Manitoba Crop Insurance Corporation, and then transferred to the Government of the Province of Manitoba. The expenses incurred by the Corporation in administering this Program are recovered from the Government of the Province of Manitoba. The administrative duties assumed by the Corporation for this Program include enrolment assistance and verification, information collection, and the ongoing monitoring of the Producers for compliance with the Program's requirements.

(C) Statement 3 Effective December, 1989, the Corporation assumed responsibility for the administration of the Livestock Development Program which provides assistance to cattle and lamb producers to offset some of their feed costs. Assistance payments under this Program are made to the Producers by the Corporation. The Corporation recovers these assistance payments from the Government of the Province of Manitoba, and is also reimbursed for the administrative costs associated with this Program.

(D) Statement 4 Effective June, 1990, the Corporation assumed responsibility for the administration of the Canada-Manitoba Crop Loss Compensation Program under the 1990 Special Income Assistance Agreement between the Governments of the Province of Manitoba and Canada. The program provides income assistance to producers who suffered income losses in the crop and fur sectors. Under the agreement Canada is responsible for the payments to producers as well as the administrative expenses incurred.

(E) Statement 5 Effective January, 1991, the Corporation assumed responsibility for the administration of the cost-sharing agreement for the Revenue Protection component of the Gross Revenue Insurance Plan for crops. Both the Governments of the Province of Manitoba and Canada agreed to share equally the start-up costs for administration of the Revenue Protection component.

7. **Change in Accounting Policy**

For the year ended March 31, 1991, the Corporation changed its accounting policy for the recognition of Government contributions revenue. The contributions made by the Governments of the Province of Manitoba, and Canada, towards the sharing of the premiums collected from the persons insured under the General Crop Insurance Program, are now being recognized as revenue by the Corporation on an accrual basis. Previously, these contributions were made only by the Government of Canada, and were recognized as revenue by the Corporation on a cash basis.

The effect of this change is to increase the Corporation's revenues for the year ended March 31, 1991, by $2,222,050 and to increase its accounts receivable by an equal amount.

This change in accounting policy has been made on a prospective basis, in conjunction with a change in the terms of the General Crop Insurance Program agreement for the March 31, 1991 fiscal year. Retroactive application would not be consistent with the terms of the agreements in force for the previous years.

8. **Western Grain Stabilization Deductions**

The Manitoba Crop Insurance Corporation, as a designated purchaser under the Western Grain Stabilization Act (W.G.S.A.), remits levy deductions made from indemnity settlements on those insureds participating in the W.G.S.A. program. For the fiscal year ended March 31, 1991 the related transactions are as follows:

Levy deductions made	$ 900,364
Remitted to Western Grain Stabilization Administration	900,364
Balance, March 31, 1991	—

9. **Comparative Figures**

Certain comparative figures on the financial statements have been restated to conform with the presentation of the current year.

Statement 1

Manitoba Crop Insurance Corporation

Canada-Manitoba Waterfowl Crop Damage Compensation Program

Statement of Revenue and Expenditure

for the year ended March 31, 1991

	1991	1990
Revenue: (Note 6(A)):		
Expenditures recovered from the Government of the Province of Manitoba	$ 142,242	$ 246,559
Expenditure (Note 6(A)):		
Indemnities	$ 125,997	$ 231,420
Administrative expenses	16,245	15,139
	$ 142,242	$ 246,559

Statement 2

Manitoba Crop Insurance Corporation

National Tripartite Stabilization Program

Statement of Revenue and Expenditure

for the year ended March 31, 1991

	1991	(7 months) 1990
Revenue: (Note 6(B)):		
Producer premiums	$ 1,798,086	$ 1,104,910
Expenditures recovered from the Government of the Province of Manitoba	423,008	400,405
	$ 2,221,094	$ 1,505,315
Expenditure (Note 6(B)):		
Producer premiums transferred to the Government of the Province of Manitoba	$ 1,798,086	$ 1,104,910
Administrative expenses	423,008	400,405
	$ 2,221,094	$ 1,505,315

Statement 3

Manitoba Crop Insurance Corporation

Livestock Development Program

Statement of Revenue and Expenditure

for the year ended March 31, 1991

	1991	(4 months) 1990
Revenue: (Note 6(C)):		
Expenditures recovered from the Government of the Province of Manitoba	$ 1,266,388	$ 238,140
Expenditure (Note 6(C)):		
Producer assistance payments	$ 1,158,160	$ 205,249
Administrative expenses	108,228	32,891
	$ 1,266,388	$ 238,140

Statement 4

Manitoba Crop Insurance Corporation

Canada-Manitoba Crop Loss Compensation Program

Statement of Revenue and Expenditure

for the ten months ended March 31, 1991

	1991
Revenue: (Note 6(D)):	
Expenditures recovered from the Government of Canada	$ 62,415,378
Expenditure (Note 6(D)):	
Funding assistance payments to producers	$ 61,871,781
Administrative expenses	543,597
	$ 62,415,378

Statement 5

Manitoba Crop Insurance Corporation

Revenue Protection-Gross Revenue Insurance Plan

Statement of Revenue and Expenditure

for the three months ended March 31, 1991

	1991
Revenue: (Note 6(E)):	
Expenditures recovered from the:	
Government of the Province of Manitoba	$ 324,087
Government of Canada	324,087
	$ 648,174
Expenditure (Note 6(E)):	
Administrative expenses	$ 648,174

Schedule 1
Manitoba Crop Insurance Corporation
All Risk Insurance Program

Summary of Participation, Premiums and Indemnities Paid

Year	Contracts In Force	Farmers' Share of Premium	Calculated Premium	Indemnities Paid	Accumulated Loss Ratio
		$	$	$	
1960-61	2,472	255,487.33	319,359.16	87,082.62	.27
1961-62	3,654	434,782.96	543,478.70	1,586,405.96	1.93
1962-63	4,413	684,249.32	855,311.65	531,503.82	1.28
1963-64	5,142	816,901.42	1,021,126.77	1,242,164.72	1.25
1964-65	6,141	940,990.35	1,176,237.93	279,343.44	.95
1965-66	8,610	1,296,463.67	1,620,579.58	398,792,86	.74
1966-67	12,915	1,756,916.97	2,196,144.96	796,359.58	.64
1967-68	14,116	2,065,443.42	2,753,924.56	729,116.62	.54
1968-69	14,481	2,324,400.17	3,099,200.23	2,288,456.09	.58
1969-70	14,236	1,945,210.01	2,593,613.34	3,726,865.42	.72
1970-71	13,669	1,505,169.60	2,006,892.80	2,061,453.99	.75
1971-72	13,233	2,187,302.66	2,916,403.54	1,018,391.38	.70
1972-73	11,945	1,895,837.31	2,527,783.08	983,097.98	.67
1973-74	13,585	2,135,628.65	4,271,257.30	2,216,532.99	.64
1974-75	13,878	2,846,582.08	5,693,164.16	8,299,434.60	.78
1975-76	14,199	4,785,416.42	9,570,832.84	9,338,852.32	.82
1976-77	14,583	5,630,841.95	11,261,683.90	8,881,807.46	.81
1977-78	18,016	9,384,728.63	18,769,457.26	5,590,626.17	.68
1978-79	15,950	8,273,606.39	16,547,212.78	6,445,393.25	.63
1979-80	17,275	8,355,799.19	16,711,598.38	11,177,129.50	.64
1980-81	14,176	9,763,057.22	19,526,114.44	55,288,685.65	.98
1981-82	14,633	12,035,890.51	24,071,781.02	18,770,255.07	.95
1982-83	14,087	13,256,058.66	26,512,117.32	22,600,352.08	.93
1983-84	13,837	13,329,863.46	26,659,726.92	22,297,580.28	.92
1984-85	14,087	15,028,396.00	30,056,792.00	29,543,011.70	.93
1985-86	14,723	21,827,710.36	43,655,420.72	33,287,622.21	.90
1986-87	14,671	21,509,050.62	43,018,101.24	36,561,653.98	.89
1987-88	14,070	16,530,549.23	33,061,098.46	27,921,710.40	.89
1988-89	14,068	19,188,419.21	38,376,838.42	117,923,806.33	1.11
1989-90	15,765	35,691,164.49	71,382,328.98	138,706,759.20	1.23
1990-91	15,670**	36,966,463.34	73,932,926.68*	25,196,019.39	1.11

* The calculated premium represents the farmers' share plus the Governments of the Province of Manitoba and Canada contributions.
** Of the 15,670 contracts, 14,083 were operator contracts, the remainder were landlord contracts.

Schedule 2

Manitoba Crop Insurance Corporation

Additional Hail Insurance Program

Summary of Premiums and Indemnities Paid

	Contracts	Per Cent of Seeded Crops Insured	Premium Earned	Indemnities Paid	Accumulated Loss Ratio
1970-71	1,583	12.6	$ 114,298.29	$ 112,830.73	.99
1971-72	2,668	21.1	279,918.78	80,115.04	.49
1972-73	2,443	22.2	270,917.12	70,473.72	.40
1973-74	3,626	27.4	550,019.03	616,955.74	.72
1974-75	3,681	27.8	684,576.77	423,160.85	.69
1975-76	4,411	31.7	902,833.45	1,239,490.88	.91
1976-77	4,263	30.2	1,029,237.80	1,197,152.76	.98
1977-78	4,751	26.9	1,261,470.79	1,231,459.60	.98
1978-79	5,062	33.3	1,700,062.19	1,825,162.41	1.00
1979-80	4,260	31.3	1,683,214.65	997,993.30	.92
1980-81	3,518	25.5	1,552,265.42	1,042,709.39	.88
1981-82	4,435	31.2	2,273,062.75	2,266,443.64	.90
1982-83	4,686	34.4	3,196,098.48	2,557,615.60	.88
1983-84	5,104	38.1	3,520,848.66	3,038,093.36	.88
1984-85	6,079	44.1	4,603,874.08	7,728,089.16	1.03
1985-86	6,678	47.2	8,125,390.90	3,696,891.50	.88
1986-87	6,634	46.6	8,255,606.40	6,535,684.42	.87
1987-88	5,607	45.6	6,645,946.69	2,822,271.48	.80
1988-89	5,165	41.7	5,866,182.34	3,738,552.88	.78
1989-90	5,147	36.9	5,574,843.37	9,688,690.51	.88
1990-91	4,675	34.4	5,395,024.73	3,488,021.02	.86

Additional Hail Insurance Program

In 1990, Additional Hail Insurance coverage was offered to All Risk contract holders for the twenty-first consecutive year. Some 4,675 farmers carried this insurance which represents 34.4 per cent of those who seeded insured crops.

A total of 2.1 million acres were insured and carried a total liability of $170.7 million. Premium billings totalled $5,395,025 which amounts to 3.1 per cent of the liability. For every premium dollar billed, $0.65 was paid in settlement of claims.

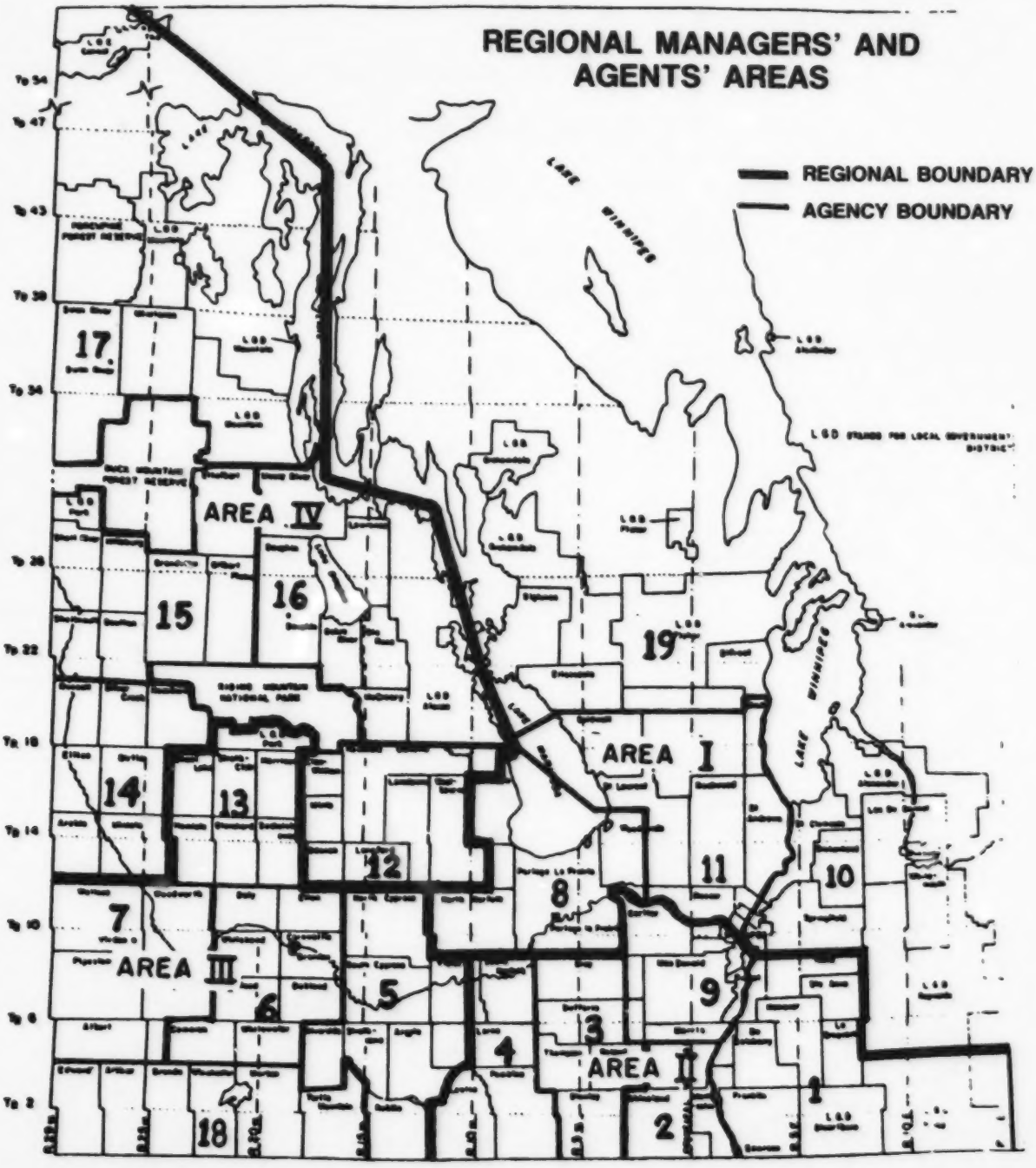
Schedule 3

Manitoba Crop Insurance Corporation

Summary of Insurance Written

for the year ended March 31, 1991

	All-Risk			Hail Spot		
	Acres	Premium	Coverage	Acres	Loss Premium	Coverage
Red Spring Wheat	3,191,359.2	$14,952,826.47	$294,932,186.23	2,896,129.9	$2,737,037.41	$268,581,746.54
Oats	162,514.0	469,449.11	6,729,259.80	142,506.5	64,232.32	5,975,136.45
Barley	859,488.2	2,329,815.68	57,129,205.73	771,061.0	541,870.15	51,387,548.48
Flax	517,844.1	2,923,350.14	42,529,963.82	493,093.1	393,991.82	40,626,511.59
Sugar Beets	24,520.7	300,743.19	8,718,013.97	22,385.7	46,087.86	7,919,757.59
Fall Rye	64,460.7	217,255.87	2,989,309.33	56,395.0	28,078.25	2,625,304.78
Argentine Rapeseed	504,546.6	3,226,818.59	47,737,463.55	469,619.4	688,274.22	44,481,532.71
Mustard	19,529.5	176,179.54	1,841,239.42	18,529.5	29,341.20	1,758,689.92
Sunflowers	95,635.8	357,183.21	6,859,057.35	88,899.1	65,474.44	6,405,915.05
Buckwheat	24,271.2	276,835.95	1,648,002.19	21,889.2	39,014.29	1,478,046.49
Field Peas	60,940.0	323,298.79	5,857,751.66	59,398.0	96,912,70	5,712,336.31
Grain Corn	50,428.6	498,495.27	5,090,749.78	48,268.6	50,130.33	4,888,528.99
Potatoes	33,388.8	1,053,861.75	18,348,438.27	29,573.7	114,196.70	16,318,732.84
Mixed Grain	13,565.6	41,616.76	612,272.33	11,666.6	5,076.60	528,661.55
Durum Wheat	269,832.6	1,175,762.18	24,030,919.52	241,393.6	228,992.21	21,629,358.63
Forage Hay	84,754.6	600,695.32	5,740,315.92	68,961.3	38,283.54	4,780,531.07
Silage Corn	6,405.2	31,566.02	531,769.81	6,145.2	5,044.13	511,211.06
Utility Wheat	36,305.8	163,001.85	3,034,150.93	33,910.8	28,156.45	2,832,754.00
Prairie Spring Wheat	102,738.2	505,862.54	10,190,771.96	95,543.2	98,806.32	9,479,736.43
Lentils	32,569.6	364,157.71	3,506,541.54	31,899.6	42,769.61	3,426,869.54
Fababeans	512.0	2,708.85	31,785.39	512.0	492.15	31,785.39
Canaryseed	20,096.2	80,670.04	1,398,058.25	19,861.2	11,092.71	1,381,280.45
Field Beans	38,120.8	721,462.56	7,075,246.08	37,415.3	83,114.94	6,943,319.45
Triticale	45.0	169.26	4,586.40	45.0	54.90	4,586.40
Forage Hay Establishment	37,060.5	41,972.05	712,347.50	—	—	—
Unseeded Acreage	98,456.5	52,948.86	2,220,851.00	—	—	—
Pedigreed Timothy Seed	8,257.0	33,558.47	493,967.40	8,257.0	5,091.98	493,967.40
Soybeans	53.0	317.41	4,216.15	53.0	50.35	4,216.15
Ped. Tim. Seed Est.	1,373.0	1,892.67	6,585.00	—	—	—
Winter Wheat	20,512.1	94,522.14	1,752,270.33	18,596.1	11,959.01	1,597,320.33
Polish Rapeseed	77,959.4	334,270.94	4,575,937.17	71,621.4	72,394.00	4,202,054.41
Pedigreed Alfalfa Seed	5,361.0	40,374.33	534,484.00	5,243.0	6,485.63	523,672.00
Ped. Alfa. Seed Est.	377.0	725.07	9,940.00	—	—	—
Rutabagas	82.4	2,705.19	42,346.18	82.4	508.41	42,346.18
Onions (Cooking)	102.0	6,690.60	80,089.80	102.0	960.72	80,089.80
Carrots (Table)	82.0	2,781.44	66,774.24	82.0	400.98	66,774.24
Parsnips	40.0	1,049.60	30,732.80	40.0	184.40	30,732.80
Carrots (Processing)	12.0	522.96	11,234.88	12.0	67.44	11,234.88
Total all Crops	6,463,600.9	$31,408,118.38	$567,128,835.68	5,769,191.4	$5,534,628.17	$516,762,289.90



Regional Managers:

Area I – H. F. Popoff — Stonewall
Area II – W. J. Moffat — Sanford
Area III – D. A. Benzie — Souris
Area IV – W. J. Wowchuk — Dauphin

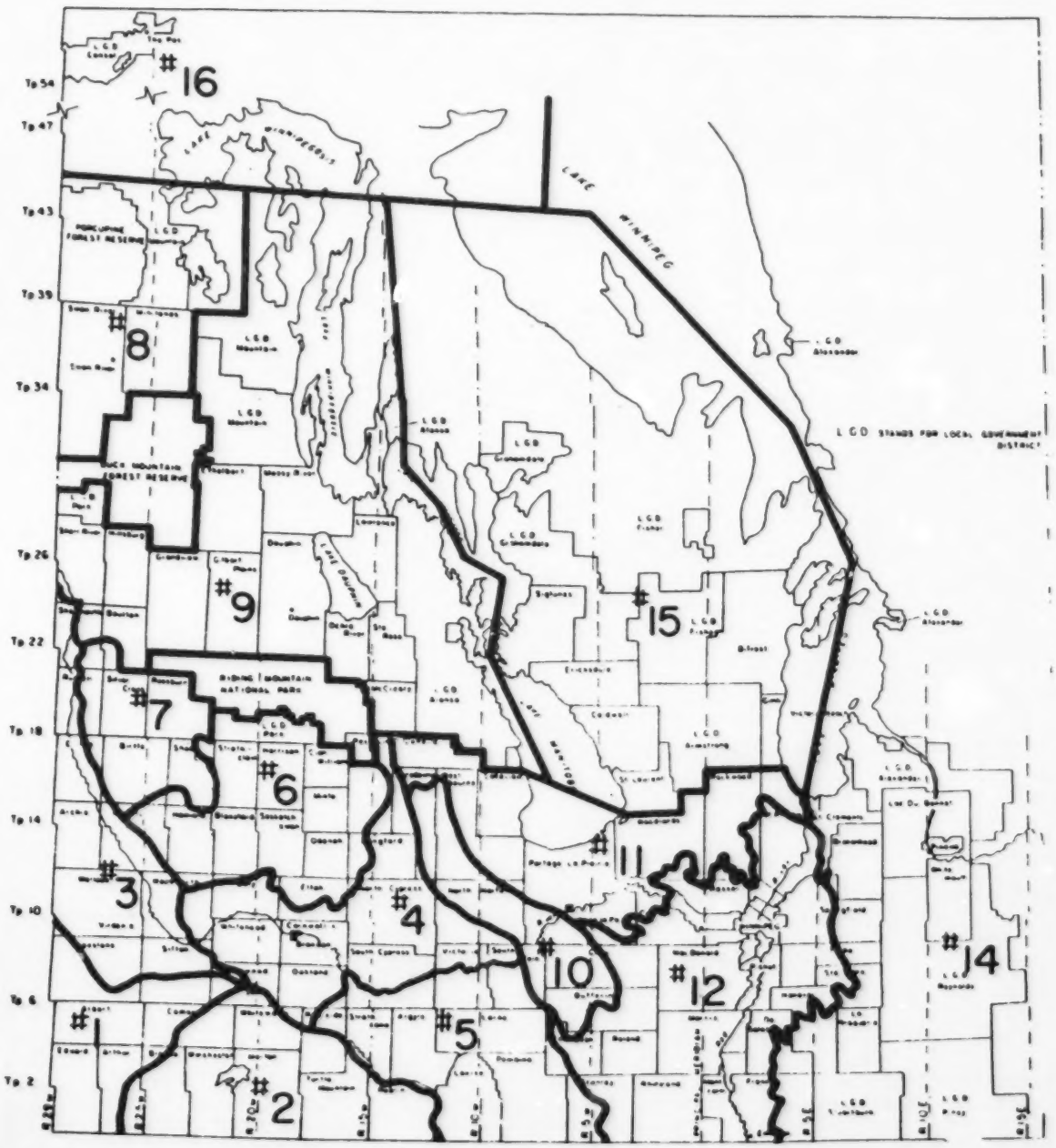
Area Agents:

01 G. L. Loeppky — St. Pierre
02 B. D. Hildebrand — Altona
03 K. K. Porter — Carman
04 A. D. McPhee — Somerset
05 B. H. Grewar — Glenboro
06 L. G. Perrin — Souris
07 K. W. Gabrielle — Virden
08 G. R. Small — Portage
09 C. L. Jessen — Sanford

Area Agents (Continued)

10 L. E. Zieske — Beausejour
11 D. W. East — Stonewall
12 T. K. Girling — Neepawa
13 K. L. Tiller — Hamiota
14 W. F. McKerchar — Birtle
15 T. K. Britton — Grandview
16 A. N. Kotyk — Dauphin
17 G. E. McClintock — Swan River
18 J. M. Park — Deloraine
19 C. Bernier — Fisher Branch

RISK AREAS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LAKE WINNIPEG
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